



Form PTO-1449
Equivalent

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No. 500.43442X00
Serial No. 10/770,518
Applicant: H. YAMAKAWA, et al
Filing Date: February 4, 2004
Group: 1743

U.S. Patent Documents

Examiner Initials	Document No.	Date	Name	Class Subclass	Filing Date If Approp.
/J.N./	5,723,795	3/98	Merriam		

Foreign Patent Documents

Document No.	Date	Country	Class Subclass	Translation Yes No

Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

Examiner

/Jyoti Nagpaul/

Date Considered 01/03/2008

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609;
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/J.N./	4,563,175	1/86	LaFond		

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Document No.	Date	Country	Class Subclass	Translation Yes No
/J.N./ 2000-121649	4/00	Japan Abstract		
/J.N./ 42 09 885 A1	10/92	Deutschland		

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Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 500.43442X00	SERIAL NO.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT YAMAKAWA, et al.	
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							Yes	No
/J.N./	AM	2000-121649	04/28/2000	JP	G01N	35/10	X	
	AN							
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	AP							
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	AR							
	AS							
	AT							

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